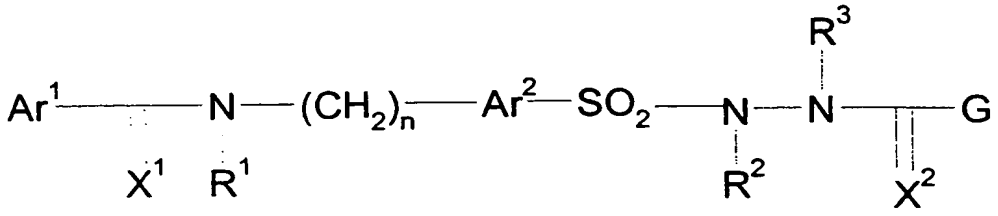
Claims

1. Sulfonyl hydrazide derivatives according to formula I



I

with its geometrical isomers, in an optically active form as enantiomers, diastereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

Ar^1 and Ar^2 are independently from each other an unsubstituted or substituted aryl or heteroaryl group,

X^1 and X^2 are independently from each other O or S;

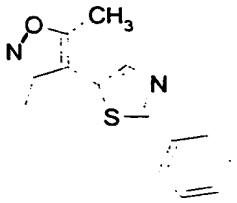
R^1, R^2, R^3 are independently from each other hydrogen or a C_1-C_6-alkyl substituent or R^1 forms a substituted or unsubstituted 5-6—membered saturated or unsaturated ring with Ar^1;

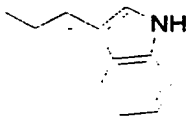
or R^2 and R^3 form a substituted or unsubstituted 5-6—membered saturated or unsaturated ring;

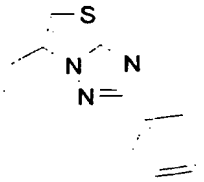
n is an integer from 0 to 5;

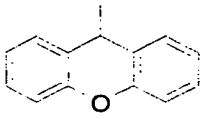
G is selected from a group comprising or consisting of an unsubstituted or substituted 4-8 membered heterocycle containing at least one heteroatom, or G is a substituted or unsubstituted C_1-C_6-alkyl group;

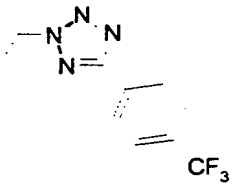
with the proviso that if Ar^1 is 4-chlorophenyl, Ar^2 is thienyl, X^1 and X^2 are O, R^1, R^2 and R^3 are H, n is 1, G shall not be selected from the following group :

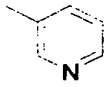


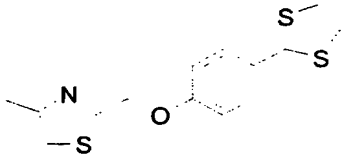


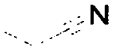


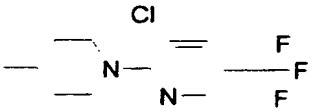


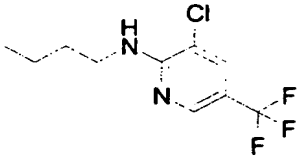


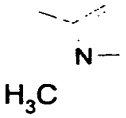


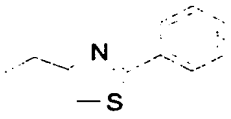




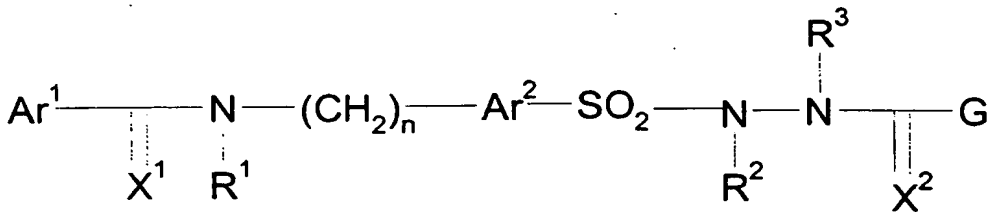








2. Sulfonyl hydrazide derivatives according to formula I



I

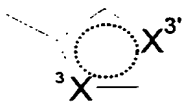
with its geometrical isomers, in an optically active form as enantiomers, diastereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

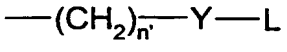
Ar^1 and Ar^2 are independently from each other an unsubstituted or substituted aryl or heteroaryl group,
X^1 and X^2 are independently from each other O or S;

R^1, R^2, R^3 are independently from each other hydrogen or a C_1-C_6-alkyl substituent or R^1 forms a substituted or unsubstituted 5-6—membered saturated or unsaturated ring with Ar^1;
or R^2 and R^3 form a substituted or unsubstituted 5-6—membered saturated or unsaturated ring;
n is an integer from 0 to 5;

G is selected from a group comprising or consisting of an unsubstituted or substituted 4-8 membered heterocycle containing at least one heteroatom, or G is a substituted or unsubstituted C_1-C_6-alkyl group; for use as a medicament.

3. A sulfonyl hydrazide derivative according to claim 1 or 2, wherein G is either



L or 

wherein, both X^3 and $X^{3'}$ are selected independently from each other from the group consisting of N, O, S or CHL';

Y is O, S or NR^4, whereby R^4 is H or an unsubstituted or substituted C_1-C_6-alkyl, an unsubstituted or substituted aryl or heteroaryl;

n' is an integer from 0 to 5, preferably between 1-3 and most preferred 3;

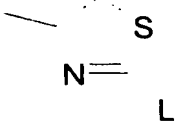
L and L' are independently selected from the group comprising or consisting of H, unsubstituted or substituted C_1-C_6-aliphatic alkyl, unsubstituted or substituted C_2-C_6-alkenyl, unsubstituted or substituted C_2-C_6-alkynyl, unsubstituted or substituted cyclic C_4-C_8-alkyl, optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or L is an unsubstituted or substituted aryl or heteroaryl, aryl-C_1-C_6-alkyl, heteroaryl-C_1-C_6-alkyl, $-C(O)-OR^5$, $-C(O)-R^5$, $-C(O)-NR^{5'}R^5$, $-NR^{5'}R^5$, $-NR^{5'}C(O)R^5$, $-NR^{5'}C(O)NR^{5'}R^5$, $-(SO)R^5$, $-(SO_2)R^5$, $-NSO_2R^5$, $-SO_2NR^{5'}R^5$;

whereby, R^5 and $R^{5'}$ are substituents being independently selected from the group comprising or consisting of H, unsubstituted or substituted C_1-C_6-alkyl, unsubstituted or substituted C_2-C_6-alkenyl, unsubstituted or substituted C_2-C_6-alkynyl, unsubstituted or substituted aryl, unsubstituted or substituted heteroaryl, unsubstituted or substituted aryl-C_1-C_6-alkyl, unsubstituted or substituted heteroaryl-C_1-C_6-alkyl;

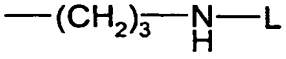
said aryl or heteroaryl groups being optionally substituted by unsubstituted or substituted C_1-C_6-alkyl, like trihalomethyl, unsubstituted or substituted C_1-C_6-alkoxy, unsubstituted or substituted C_2-C_6-alkenyl, unsubstituted or substituted C_2-C_6-alkynyl, amino, aminoacyl, aminocarbonyl, unsubstituted or substituted C_1-C_6-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfoxy, sulfonyl, C_1-C_6-thioalkoxy.

4. A sulfonyl hydrazide derivative according to any preceding claim, wherein Ar^1 and/or Ar^2 are independently selected from the group consisting of phenyl, thienyl, furyl, pyridyl, pyrazolyl, pyrimidinyl, imidazolyl, naphthyl, quinolyl, optionally substituted by unsubstituted or substituted C_1-C_6-alkyl, in particular tri-halomethyl, unsubstituted or substituted C_1-C_6-alkoxy, unsubstituted or substituted C_2-C_6-alkenyl, unsubstituted or substituted C_2-C_6-alkynyl, amino, acylamino, aminocarbonyl, unsubstituted or substituted C_1-C_6-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfoxy, sulfonyl, C_1-C_6-thioalkoxy.

5. A sulfonyl hydrazide derivative according to any of the preceding claims, wherein Ar^1 is a substituted or unsubstituted phenyl, preferably 4-chlorophenyl, X^1 and X^2 are O, while R^1, R^2, R^3 are all hydrogen, n is 1, Ar^2 is thienyl, G is selected from

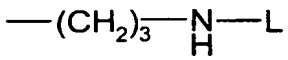


or



whereby L is as above defined.

6. A sulfonyl hydrazide derivative according to any of the preceding claims, wherein G is



whereby L is as above defined, with most preferred groups L being substituted or unsubstituted pyridyl groups.

7. A sulfonyl hydrazide derivative according to claim 6, wherein L is a substituted or unsubstituted pyridyl group.

8. A sulfonyl hydrazide derivative according to any of the preceding claims selected from the following group :

4-chloro-N-[(5-{[2-({2-[4-(1,3-dithiolan-2-yl)phenyl]-1,3-thiazol-4-yl}carbonyl)-hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-chloro-N-{[5-({2-[(2-phenyl-1,3-thiazol-4-yl)carbonyl]hydrazino}sulfonyl)thien-2-yl]methyl}benzamide

4-chloro-N-{[5-({2-[(2-{[(4-chlorophenyl)sulfonyl]methyl}-1,3-thiazol-4-yl)-carbonyl]hydrazino}sulfonyl)thien-2-yl]methyl}benzamide

4-chloro-N-{[5-({2-[(2-methyl-1,3-thiazol-4-yl)carbonyl]hydrazino}sulfonyl)thien-2-yl]methyl}benzamide

4-chloro-N-[(5-{[2-({2-[4-(1H-pyrrol-1-yl)phenyl]-1,3-thiazol-4-yl}carbonyl)-hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-chloro-N-[(5-{[2-({2-[(4,5-dichloro-1H-imidazol-1-yl)methyl]-1,3-thiazol-4-yl}carbonyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-chloro-N-[(5-{[2-({2-[5-(trifluoromethyl)pyridin-2-yl]-1,3-thiazol-4-yl}carbonyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-chloro-N-[(5-{[2-({2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]-1,3-thiazol-4-yl}carbonyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-chloro-N-[(5-{[2-({2-[2-chloro-4-(trifluoromethyl)phenyl]-1,3-thiazol-4-yl}carbonyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-chloro-N-[(5-{[2-({2-[4-(trifluoromethyl)pyridin-3-yl]-1,3-thiazol-4-yl}-carbonyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-chloro-N-({5-[(2-{[2-(2,3-dichlorophenyl)-1,3-thiazol-4-yl]carbonyl}-hydrazino)sulfonyl]thien-2-yl}methyl)benzamide

4-chloro-N-{[5-({2-[(2-{[(2-furylmethyl)sulfonyl]methyl}-1,3-thiazol-4-yl)carbonyl]hydrazino}sulfonyl)thien-2-yl]methyl}benzamide

4-chloro-N-[(5-{[2-({2-[(2-chlorophenoxy)methyl]-1,3-thiazol-4-yl}carbonyl)-hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-chloro-N-({5-[(2-{[2-(2,6-dichlorobenzyl)-1,3-thiazol-4-yl]carbonyl}hydrazino)-sulfonyl]thien-2-yl}methyl)benzamide

N-[(5-{[2-({2-[4-(1,3-dithiolan-2-yl)phenyl]-1,3-thiazol-4-yl}carbonyl)hydrazino]-sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide

N-[(5-{[2-({2-[4-(1,3-dithiolan-2-yl)phenyl]-1,3-thiazol-4-yl}carbonyl)hydrazino]-sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide

N-[(5-{[2-({2-[4-(1,3-dithiolan-2-yl)phenyl]-1,3-thiazol-4-yl}carbonyl)hydrazino]-sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide

N'-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-5-[(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)methyl]thiophene-2-sulfonohydrazide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3-hydroxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-furamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-thien-2-ylacetamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-1-naphthamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-naphthamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-methylbenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-ethylbenzamide

4-tert-butyl-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-fluorobenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3-fluorobenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-fluorobenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2,6-difluorobenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3,5-difluorobenzamide

2-chloro-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

3-chloro-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-iodobenzamide

2,6-dichloro-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

3,5-dichloro-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

2-bromo-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

3-bromo-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

4-bromo-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-iodobenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-nitrobenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-(dimethylamino)benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-methoxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-methoxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2,6-dimethoxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3,5-dimethoxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-(trifluoromethyl)benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3-(trifluoromethyl)benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-(trifluoromethyl)benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3,5-bis(trifluoromethyl)benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]nicotinamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]isonicotinamide

4-amino-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-hydroxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-3,4-dihydroxybenzamide

3,4-diamino-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]pyridine-2-carboxamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-6-hydroxypyridine-2-carboxamide

6-amino-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]nicotinamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-sulfanylnicotinamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-6-sulfanylnicotinamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2,6-dihydroxyisonicotinamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-5-nitro-1H-pyrazole-3-carboxamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-hydroxy-6-methoxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-8-hydroxyquinoline-7-carboxamide

2-amino-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]nicotinamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-4-fluoro-3-nitrobenzamide

2-amino-N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2,3,4-trihydroxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2-oxo-1,2-dihydropyridine-3-carboxamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2,4-dihydroxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-5-hydroxypyridine-2-carboxamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}thien-2-yl)methyl]-1H-imidazole-4-carboxamide

4-chloro-N-(4-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}benzyl)benzamide

4-chloro-N-(2-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}phenyl)benzamide

4-chloro-N-(3-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}phenyl)benzamide

N-(4-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}benzyl)-3-nitrobenzamide

4-chloro-N-(3-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}-butanoyl)hydrazino]sulfonyl}benzyl)benzamide

N-(3-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}benzyl)benzamide

N-(3-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}benzyl)-2-hydroxybenzamide

N-(3-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)-hydrazino]sulfonyl}benzyl)-3-nitrobenzamide

9. A sulfonamide derivative according to claim 8, which is selected from the group consisting of

4-chloro-N-[(5-{[2-({2-[4-(1,3-dithiolan-2-yl)phenyl]-1,3-thiazol-4-yl}carbonyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

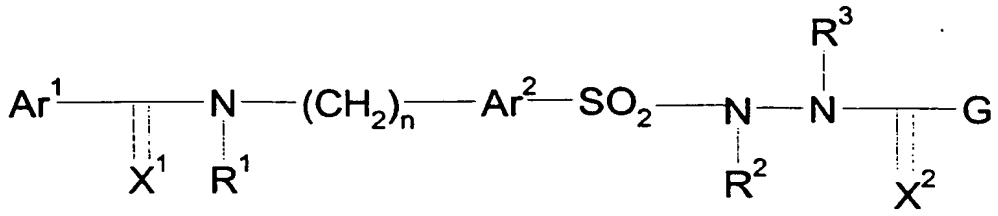
4-chloro-N-[(5-{[2-({2-[(2-chlorophenoxy)methyl]-1,3-thiazol-4-yl}carbonyl)hydrazino]sulfonyl}thien-2-yl)methyl]benzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide

N-[(5-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)hydrazino]sulfonyl}thien-2-yl)methyl]-2-oxo-1,2-dihydropyridine-3-carboxamide

4-chloro-N-(4-{[2-(4-{[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino}butanoyl)hydrazino]sulfonyl}benzyl)benzamide

10. Use of a sulfonyl hydrazide derivative according to formula I,



I

wherein

Ar^1 and Ar^2 are independently from each other an unsubstituted or substituted aryl or heteroaryl group,

X^1 and X^2 are independently from each other O or S;

R^1, R^2, R^3 are independently from each other hydrogen or a C_1-C_6-alkyl substituent or R^1 forms a substituted or unsubstituted 5-6—membered saturated or unsaturated ring with Ar^1;

or R^2 and R^3 form a substituted or unsubstituted 5-6—membered saturated or unsaturated ring;

n is an integer from 0 to 5;

G is selected from a group comprising or consisting of an unsubstituted or substituted 4-8 membered heterocycle containing at least one heteroatom, or G is a substituted or unsubstituted C_1-C_6-alkyl group;

for the preparation of a pharmaceutical composition for the modulation of the JNK pathways.

11. Use according to claim 10 for the treatment or prevention of disorders associated with the abnormal expression or activity of JNK.

12. Use according to claim 10 or 11 for the treatment or prevention of disorders associated with the abnormal expression or activity of JNK2 and/or 3.

13. Use of sulfonyl hydrazides according to formula I in particular according to any of claims 10 to 12 for the treatment of neuronal disorders including epilepsy, Alzheimer's disease, Huntington's disease, Parkinson's disease, retinal diseases, spinal cord injury, head trauma.

14. Use of sulfonyl hydrazides according to formula I in particular according to any of claims 10 to 12 for the treatment of autoimmune diseases including Multiple Sclerosis, inflammatory bowel disease (IBD), rheumatoid arthritis, asthma, septic shock, transplant rejection.

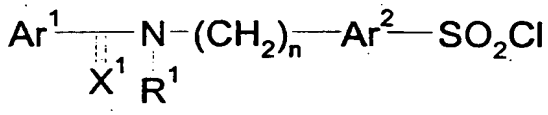
15. Use of sulfonyl hydrazides according to formula I in particular according to any of claims 10 to 12 for the treatment of cancer including breast-, colorectal-, pancreatic cancer.

16. Use of sulfonyl hydrazides according to formula I in particular according to any of claims 10 to 12 for the treatment of cardiovascular diseases including stroke, arteriosclerosis, myocordial infarction, myocordial reperfusion injury.

17. A pharmaceutical composition containing at least one sulfonyl hydrazide derivative according to any of the claims 1 to 9 and a pharmaceutically acceptable carrier, diluent or excipient thereof.

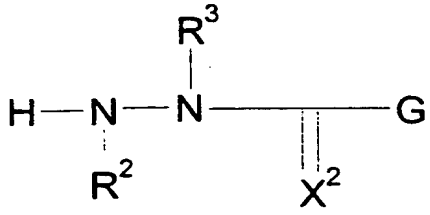
18. Process for the preparation of the sulfonyl hydrazide derivatives according to any of the claims 1 to 9 comprising or consisting of the steps of

a) preparing a sulfonyl compound V



V

b) and reacting it with the hydrazide derivative VIII



VIII

whereby the substituents Ar^1, Ar^2, R^1, R^2, R^3, X^1, X^2 and G are as defined above.